

INDEX.

- Academia de la Historia, Madrid, celebration of discovery of the Pacific, 656.
- Ageratum*, Revision of, 454.
- Alkali-Granites and Porphyries of Quincy and the Blue Hills, Petrology of the, 201.
- Allinson, F. G., elected Fellow, 670.
- Alomia*, Revision of, 438.
- Amory, Francis, extracts from the will of, 648, acceptance of gift of, 651.
- Amphioxus, Studies on the Peripheral Nervous System of, 569.
- Antagonism, The, of Emotional States and the Significance as suggested by Recent Physiological Researches, 657.
- Arnold, W. R., elected Fellow, 653; accepts Fellowship, 654.
- Assessment, Annual, Amount of, 668.
- Backlund, J. O., elected Foreign Honorary Member, 671.
- Bacon, Roger, seventh centenary of, 647.
- Baker, G. P., elected Fellow, 653; accepts Fellowship, 654.
- Bartlett, Francis, death of, 647.
- Beale, J. H., appointed member of Nominating Committee, 657.
- Bell, Louis, Types of Abnormal Color Vision, 655.
- Bigelow, R. P., elected Fellow, 653; accepts Fellowship, 654.
- Bigelow, W. S., Details of the Buddhist System, 654; On the Method of Practising Concentration and Contemplation, by Chisho Daishi, a Monk of the Shuzenji Monastery of Tendai Mountain; translated from the Chinese by Okakura Kakuzo, 651; The Relation of Samaji to the Normal Waking Consciousness, 655.
- Birkhoff, G. D., accepts Fellowship, 647. The Generalized Riemann Problem for Linear Differential Equations and the Allied Problems for Linear Difference and q -Difference Equations, 519.
- Blake, C. J., Biographical notice of O. F. Wadsworth, 651, 673.
- Blake, S. F., Contributions from the Gray Herbarium of Harvard University. New Series, No. XLI.—I. A Redisposition of the Species heretofore referred to *Leptosyne*. II. A Revision of *Encelia* and some related Genera, 333.
- Bloomfield, Maurice, elected Fellow, 670.
- Blue Hills, Mass., U. S. A., Petrology of the Alkali-Granites and Porphyries of, 201.
- Bogert, M. T., elected Fellow, 670.
- Boston Rotary Club, tickets from, 652.
- Bouton, C. L., elected Fellow, 653; accepts Fellowship, 654.
- Bowditch, C. P., Report of Treasurer, 659.
- Bowles, F. T., elected Fellow, 653; accepts Fellowship, 654.
- Brandes, Georg., 659.
- Bridgman, P. W., Phase Changes under Pressure. I. The Phase Diagram of Eleven Substances with especial reference to the Melting Curve, 648; The Technique of High Pressure Experimenting, 625, 654; Thermodynamic Properties of Twelve Liquids between 20° and 80° and up to 12000 kgm. per Sq. Cm., 1.
- Briquet, John, elected Foreign Honorary Member, 671.
- British Honduras, On the Graminaea collected by Prof. M. E. Peck in, 493.

- Brögger, W. C., elected Foreign Honorary Member, 654; accepts Membership, 656.
- Buddhaghosa's Treatise on Buddhism, entitled *The Way of Salvation*: analysis of Part I, on Morality, 147.
- Buddhism, Buddhaghosa's Treatise on, entitled *The Way of Salvation*: analysis of Part I., on Morality, 147.
- Buddhist System, Details of, 654.
- Bullard, C. See Parker, G. H., and Bullard, C.
- Bullock, C. J., accepts Fellowship, 647.
- Bumstead H. A., elected Fellow, 653.
- Burr, W. H., elected Fellow, 653; accepts Fellowship, 654.
- Cannon, W. B., *The Antagonism of Emotional States and the Significance as suggested by Recent Physiological Researches*, 657.
- Carrel, Alexis, elected Fellow, 670.
- Carson, H. A., elected Fellow, 653; declines Fellowship, 658.
- Chadwick, G. W., accepts Fellowship, 647.
- Chandler, S. C., death of, 652.
- Channing, Edward, resigns Fellowship, 648.
- Chapin, C. V., elected Fellow, 670.
- Christian, H. A., accepts Fellowship, 647.
- Chrysomelidae, Laboulbeniales Parasitic on, 671.
- Circolo Matematico di Palermo, thirtieth anniversary of, 656.
- Climate of New England, The Weather Element in the, 671.
- Clinton, G. P., elected Fellow, 670.
- Color Vision, Types of Abnormal, 655.
- Committees, Standing, elected, 668; list of, 681.
- Compositae-Eupatorieae*, A Key to the Genera of, 429.
- Conduction, On Electric, and Thermo-electric Action in Metals, 657.
- Conklin, E. G., elected Fellow, 670.
- Consciousness, The Relation of Samaji to the Normal Waking Consciousness, 655.
- Coolidge, Baldwin, presents lithograph of Rumford House, 651.
- Coolidge, H. C., appointed to confer with others, 657.
- Coolidge, J. L., accepts Fellowship, 647.
- Coolidge, W. D., *Demonstration of a New X-ray Tube*, devised by, 658; Rumford Premium awarded to, 668.
- Council, Report of, 659.
- Crew, Henry, accepts Fellowship, 647.
- Cross, C. R., Report of the Rumford Committee, 665.
- Crothers, S. M., accepts Fellowship, 647.
- Current, Steady, in the Primary Circuit, The Influence of the Magnetic Characteristics of the Iron Core of an Induction Coil upon the Manner of Establishment of a, 671.
- Curve, Melting, The Phase Diagram of Eleven Substances with especial reference to the, 648.
- Cushing, Harvey, elected Fellow, 653; accepts Fellowship, 654.
- Daishi, Chisho, a Monk of the Shuzenji Monastery of Tendai Mountain, On the Method of Practising Concentration and Contemplation, 651.
- Daly, R. A., appointed Member of Nominating Committee, 657.
- Day, H. L., *Observations of the Volcano Kilauea (Hawaii) in action*, 658.
- De Normandie, James, elected Fellow, 670.
- Deutsche Shakespeare Gesellschaft, fiftieth anniversary of, 656; 658.
- Dewey, D. R., accepts Fellowship, 647.
- Dexter, F. B., declines Fellowship, 647.
- Differential Equations, Linear, and the Allied Problems for Linear Difference and q -Difference Equations, The Generalized Riemann Problem for, 519.
- Drisko, W. J., elected Fellow, 670.
- Duane, William, elected Fellow, 670.
- Dynamo-Electric Machinery, Long Distance Submarine Signalling by, 655.
- Emotional States, The Antagonism of, and the Significance as sug-

- gested by Recent Physiological Researches, 657.
Encelia and some related Genera, A Revision of, 333.
Eupatorieae, A Key to the Genera of the *Compositae* —, 429.
 Eye, The Pathological Action of Radiant Energy on the, 671.
- Farnam, H. W., elected Fellow, 653; accepts Fellowship, 654.
- Fellows deceased, (11) —
 Francis Bartlett, 647.
 S. C. Chandler, 652.
 R. H. Fitz, 647.
 G. W. Hill, 659.
 E. S. Holden, 658.
 S. W. Mitchell, 652.
 Alfred Noble, 659.
 Okakura-Kakuzo, 647.
 B. O. Peirce, 652.
 C. S. S. Peirce, 659.
 C. P. Putnam, 659.
- Fellows elected, (81) —
 F. G. Allinson, 670.
 W. R. Arnold, 653.
 G. P. Baker, 653.
 R. P. Bigelow, 653.
 M. Bloomfield, 670.
 M. T. Bogert, 670.
 C. L. Bouton, 653.
 F. T. Bowles, 653.
 H. A. Bumstead, 653.
 W. H. Burr, 653.
 Alexis Carrel, 670.
 H. A. Carson, 653.
 C. V. Chapin, 670.
 G. P. Clinton, 670.
 E. G. Conklin, 670.
 Harvey Cushing, 653.
 James de Normandie, 670.
 W. J. Drisko, 670.
 William Duane, 670.
 H. W. Farnum, 653.
 J. D. M. Ford, 653.
 G. A. Gordon, 670.
 L. C. Graton, 670.
 J. H. Hammond, 653.
 J. W. Hammond, 670.
 Alfred Hemenway, 670.
 Rudolph Hering, 653.
 B. H. Hill, 670.
 H. M. Howe, 653.
 J. C. Hubbard, 653.
 A. C. Humphreys, 670.
 C. C. Hutchins, 670.
- J. E. Ives, 653.
 H. S. Jennings, 670.
 E. P. Kohler, 653.
 A. B. Lamb, 653.
 F. D. Lambert, 670.
 R. S. Lillie, 670.
 B. E. Livingston, 670.
 Jacques Loeb, 670.
 G. R. Lyman, 670.
 Nathan Matthews, 670.
 R. B. Merriman, 653.
 E. G. Merritt, 670.
 D. C. Miller, 670.
 E. F. Miller, 653.
 R. A. Millikan, 670.
 C. L. E. Moore, 653.
 H. N. Morse, 670.
 H. V. Neal, 670.
 W. A. Neilson, 653.
 F. H. Newell, 653.
 T. B. Osborne, 670.
 W. B. Parsons, 653.
 Bliss Perry, 653.
 E. D. Peters, 670.
 S. C. Prescott, 670.
 Alfred Rehder, 670.
 G. A. Reisner, 670.
 R. G. D. Richardson, 670.
 M. A. Rosanoff, 670.
 Ellery Sedgwick, 670.
 F. C. Shattuck, 670.
 Alexander Smith, 653.
 E. F. Smith, 670.
 C. M. Spofford, 653.
 J. O. Stieglitz, 653.
 R. P. Strong, 653.
 W. H. Taft, 653.
 E. E. Tyzzer, 653.
 F. H. Verhoeff, 670.
 W. C. Wait, 670.
 Eugene Wambaugh, 670.
 G. C. Whipple, 670.
 H. P. Whitlock, 653.
 J. H. Wigmore, 670.
 C. H. Williams, 653.
 G. G. Wilson, 653.
 G. P. Winship, 653.
 Owen Wister, 670.
 J. H. Woods, 653.
- Fellows elected, declining Fellowship, (4), —
 F. B. Dexter, 647.
 A. B. Hart, 651.
 C. S. Hastings, 647.
 J. T. Morse, Jr., 647.
- Fellows resigned, (2) —

- Edward Channing, 648.
 R. S. Peabody, 658.
 Fellows, List of, 683.
 Fessenden, R. A., Long Distance Submarine Signalling by Dynamo-Electric Machinery, 655.
 Finality in Physical Science, Absence of, 648.
 Fish, F. P., accepts Fellowship, 647.
 Fitz, R. H., death of, 647.
 Floating Islands, 648.
 Fondation Henri Poincaré, 659.
 Foote, Arthur, accepts Fellowship, 647.
 Ford, J. D. M., elected Fellow, 653; accepts Fellowship, 654.
 Foreign Honorary Members, elected (12).—
 Johann Oskar Backlund, 671.
 John Briquet, 671.
 Waldemar Christofer Brögger, 654.
 Viktor Goldschmidt, 671.
 Fritz Haber, 671.
 Sir Sidney Lee, 671.
 Alfred Percival Maudslay, 654.
 Sir James Augustus Henry Murray, 654.
 Walter Nernst, 671.
 Ignatz Urban, 671.
 Max Planck, 671.
 Eugene Warming, 671.
 Foreign Honorary Members, deceased, (2).—
 Sir David Gill, 654.
 Sir John Murray, 659.
 Foreign Honorary Members, List of, 695.
 French, D. C., accepts Fellowship, 647.
 Gay, E. F., accepts Fellowship, 647.
 General Fund, 660; Appropriations from the Income of, 656.
 Gill, Sir David, death of, 654.
 Goldschmidt, Viktor, elected Foreign Honorary Member, 671.
 Gordon, G. A., elected Fellow, 670.
Gramineae collected by Prof. M. E. Peck in British Honduras, 1905-07, 493.
 Grandgent, C. H., accepts Fellowship, 647.
 Granites, Alkali-, and Porphyries of Quincy and the Blue Hills, Petrology of the, 201.
 Grant, Robert, accepts Fellowship, 647.
 Graton, L. C., elected Fellow, 670.
 Gray Herbarium, Contributions from, 333, 427, 648.
 Gulick, C. B., accepts Fellowship, 647.
 Haber, Fritz, elected Foreign Honorary Member, 671.
 Hall, E. H., On Electric Conduction and Thermo-electric Action in Metals, 657.
 Hammond, J. H., elected Fellow, 653; accepts Fellowship, 658.
 Hammond, J. W., elected Fellow, 670.
 Hart, A. B., declines Fellowship, 651.
 Harvard University. See Gray Herbarium, Jefferson Physical Laboratory, Zoological Laboratory.
 Harvard University, Department of Geology, Meeting in conjunction with, 658.
 Haskins, C. H., accepts Fellowship, 647.
 Hastings, C. S., declines Fellowship, 647.
 Hayes, H. V., Government Ownership of Telephones in England, 654.
 Heats, Specific, of Liquids, An Improved Method for Determining the, 171.
 Hemenway, Alfred, elected Fellow, 670.
 Hering, Rudolph, elected Fellow, 653; accepts Fellowship, 654.
 High Pressure Experimenting, The Technique of, 625; 654.
 Hill, B. H., elected Fellow, 670.
 Hill, G. W., death of, 659.
 Holden, E. S., death of, 658.
 House Committee, Report of, 667.
 House Expenses, Appropriations for, 656.
 Howe, H. M., elected Fellow, 653; accepts Fellowship, 654.
 Hubbard, F. T., On the *Gramineae* collected by Prof. M. E. Peck in British Honduras, 1905-1907, 493; A Taxonomic Study of *Setaria italica* and its immediate Allies, 648.
 Hubbard, J. C., elected Fellow, 653; accepts Fellowship, 656.
 Humphreys, A. C., elected Fellow, 670.

- Huntington, E. V., accepts Fellowship, 647.
- Hutchins, C. C., elected Fellow, 670.
- Hydriodic Acid, An Improved Method of Determining the Specific Heats of Liquids, with Data concerning, 171.
- Hydrobromic Acid, An Improved Method for Determining the Specific Heats of Liquids, with Data concerning, 171.
- Hydrochloric Acid, An Improved Method for Determining the Specific Heats of Liquids, with Data concerning, 171.
- Induction Coil, The Influence of the Magnetic Characteristics of the Iron Core of an, upon the Manner of Establishment of a Steady Current in the Primary Circuit, 671.
- International Rules, Some new Combinations required by the, 492.
- Iron, The Maximum Value of the Magnetization in, 115.
- Iron Core of an Induction Coil, The Influence of the Magnetic Characteristics of the, upon the Manner of Establishment of a Steady Current in the Primary Circuit, 671.
- Ives, J. E., elected Fellow, 653; accepts Fellowship, 654.
- von Jagemann, H. C. G., accepts Fellowship, 647.
- Jardin Impériale Botanique de St. Petersburg, celebration of, 647.
- Jefferson Physical Laboratory, Contributions from, 1, 115, 625.
- Jennings, H. S., elected Fellow, 670.
- Jewett, J. R., accepts Fellowship, 647.
- Kent, N. A., accepts Fellowship, 647.
- Kilauea, Observations of the Volcano, in action, 658.
- Kohler, E. P., elected Fellow, 653; accepts Fellowship, 654.
- Kutchin, H. C., Studies on the Peripheral Nervous System of *Amphioxus*, 659.
- Laboulbeniales Parasitic on Chrysomelidae, 671.
- Lamb, A. B., elected Fellow, 653; accepts Fellowship, 654.
- Lambert, F. D., elected Fellow, 670.
- Lauman, C. R., Buddhaghosa's Treatise on Buddhism, entitled The Way of Salvation: analysis of Part I, on Morality, 147.
- Lawrence, Wm., accepts Fellowship, 647.
- Lawrence Scientific Association, Meeting in conjunction with, 655.
- Lee, Sir Sidney, elected Foreign Honorary Member, 671.
- Leptosyne*, A Redisposition of the Species heretofore referred to, 333.
- Library, Appropriations for, 654, 656.
- Library Committee, Report of, 662.
- Lillie, R. S., elected Fellow, 670.
- Linear Differential Equations and the Allied Problems for Linear Difference and q -Difference Equations, The Generalized Riemann Problem for, 519.
- Liquids, An Improved Method for Determining the Specific Heats of, 171.
- Liquids, Thermodynamic Properties of Twelve, between 20° and 80° and up to 12000 kgm. per Sq. Cm., 1.
- Lithium Hydroxide, An Improved Method for Determining the Specific Heats of Liquids, with Data concerning, 171.
- Litters, On the Size of, and the Number of Nipples in Swine, 397.
- Little, A. D., accepts Fellowship, 647.
- Livingston, B. E., elected Fellow, 670.
- Loeb, Jacques, elected Fellow, 670.
- Lyman, G. R., elected Fellow, 670.
- Lyman, Theodore, A Note on the Life of Victor Schumann, with some account of recent progress in the Extreme Ultra Violet, 655.
- Magnetic Characteristics of the Iron Core of an Induction Coil, The Influence of, upon the Manner of Establishment of a Steady Current in the Primary Circuit, 671.
- Magnetization in Iron, The Maximum Value of the, 115.
- Mallory, F. B., accepts Fellowship, 647.
- Massachusetts Institute of Technology, Department of Geology,

- Meeting in conjunction with, 658.
- Matthews, Nathan, elected Fellow, 670.
- Maudslay, A. P., elected Foreign Honorary Member, 654; accepts Membership, 654.
- Melting Curve, The Phase Diagram of Eleven Substances with especial reference to the, 648.
- Merriman, R. B., elected Fellow, 653; accepts Fellowship, 654.
- Merritt, E. G., elected Fellow, 670.
- Metals, On Electric Conduction and Thermo-electric Action in, 657.
- Miller, D. C., elected Fellow, 670.
- Miller, E. F., elected Fellow, 653; accepts Fellowship, 654.
- Millikan, R. A., elected Fellow, 670.
- Mitchell, S. W., death of, 652.
- Moore, C. L. E., elected Fellow, 653; accepts Fellowship, 654.
- Morality, Buddhaghosa's Treatise on Buddhism, entitled The Way of Salvation: analysis of Part I., 147.
- Morse, H. N., elected Fellow, 670.
- Morse, J. T., Jr., declines Fellowship, 647.
- Munro, W. B., accepts Fellowship, 647.
- Murray, Sir J. A. H., elected Foreign Honorary Member, 654; accepts Membership, 656.
- Murray, Sir John, death of, 659.
- Museo Nacional de Aqueologia Historia y Ethnologia, felicitations from, 652.
- Museum of Comparative Zoölogy at Harvard College. *See* Zoological Laboratory.
- Napier, John, Logarithmorum Canonis Mirifici Descriptio, 656.
- Naturwissenschaftliche Verein, Karlsruhe, fiftieth anniversary of, 658.
- Neal, H. V., elected Fellow, 670.
- Neilson, W. A., elected Fellow, 653; accepts Fellowship, 654.
- Nervous System of Amphioxus, Studies on the Peripheral, 569.
- New England, The Weather Element in the Climate of, 671.
- Newell, F. H., elected Fellow, 653.
- Nichols, E. H., accepts Fellowship, 647.
- Nipples in Swine, On the Size of Litters and the Number of, 397.
- Nitric Acid, An Improved Method for Determining the Specific Heats of Liquids, with Data concerning, 171.
- Noble, Alfred, death of, 659.
- Nominating Committee, appointed, 657.
- Noyes, W. A., accepts Fellowship, 647.
- Officers, elected, 668; List of, 681.
- Okakura Kakuzo, death of, 647.
- Osborne, T. B., elected Fellow, 670.
- Oscillator, The Motion of a Radiating, 657.
- Oxylobus*, Revision of, 483.
- Panama-Pacific International Exposition, invitation from, 656.
- Parker, G. H., and Bullard, C., On the Size of Litters and the Number of Nipples in Swine, 397.
- Parsons, W. B., elected Fellow, 653; accepts Fellowship, 654.
- Pathological Action, The, of Radiant Energy on the Eye, 671.
- Peabody, R. S., resigns Fellowship, 658.
- Peck, M. E., On the *Gramineæ* collected by, in British Honduras, 1905-07, 493.
- Peirce, B. O., The Demagnetizing Factors of Cylindrical Rods in High, Uniform Fields, 657; The Influence of the Magnetic Characteristics of the Iron Core of an Induction Coil upon the Manner of Establishment of a Steady Current in the Primary Circuit, 671; The Maximum Value of the Magnetization in Iron, 115.
- Peirce, B. O., death of, 652.
- Peirce, C. S. S., death of, 659.
- Pender, Harold, accepts Fellowship, 647.
- Perchloric Acid, An Improved Method for Determining the Specific Heats of Liquids, with Data concerning, 171.
- Periodicals purchased, list of, 663.
- Perry, Bliss, elected Fellow, 653; declines Fellowship, 658.
- Peters, E. D., elected Fellow, 670.
- Petrology of the Alkali-Granites and

- Porphyries of Quincy and the Blue Hills, Mass., U. S. A., 201.
 Phase Changes under Pressure. I. The Phase Diagram of Eleven Substances with especial reference to the Melting Curve, 648.
 Physical Science, Absence of Finality in, 648.
 Pierce, G. W., Report of Publication Committee, 666; Wireless Telephony, 651.
 Planck, Max. elected Foreign Honorary Member, 671.
 Politzer, Adam, accepts Foreign Honorary Membership, 647.
 Porphyries of Quincy and the Blue Hills, Petrology of the Alkali-Granites and, 201.
 Potassium Hydroxide, An Improved Method for Determining the Specific Heats of Liquids, with Data concerning, 171.
 Powers, Sidney, Floating Islands, 648.
 Pratt, B. L., accepts Fellowship, 647.
 Prescott, S. C., elected Fellow, 670.
 Pressure, Phase Changes under, 648.
 Pressure Experimenting, High, The Technique of, 625; 654.
 Primary Circuit, The Influence of the Magnetic Characteristics of the Iron Core of an Induction Coil upon the Manner of Establishment of a Steady Current in the, 671.
 Princeton University, Dedication of Graduate College, 647.
 Publication, Appropriation for, 656, 657.
 Publication Committee, Report of, 666.
 Publication Fund, 661; Appropriation from the Income of, 656; 657.
 Putnam, C. P., death of, 659.
 Quincy, Mass., U. S. A., Petrology of the Alkali-Granites and Porphyries of, 201.
 Radiant Energy on the Eye, The Pathological Action of, 671.
 Rand, E. K., accepts Fellowship, 647; A Winter in Rome, 648.
 Real Academia de Ciencias y Artes de Barcelona, invitation from, 652.
 Records of Meetings, 647.
 Rehder, Alfred, elected Fellow, 670.
 Reisner, G. A., elected Fellow, 670.
 Resident Associates, 654.
 Richards, T. W., and Rowe, A. W., An Improved Method for Determining Specific Heats of Liquids, with Data concerning Dilute Hydrochloric, Hydrobromic, Hydriodic, Nitric, and Perchloric Acids and Lithium, Sodium and Potassium Hydroxides, 171.
 Riemann Problem, The Generalized, for Linear Differential Equations and the Allied Problems for Linear Difference and q -Difference Equations, 519.
 Robinson, B. L., Diagnoses and Transfers among the Spermatophytes, 502; A Key to the Genera of the *Compositae*.—*Eupatorieae*, 429; Revisions of *Alomia*, *Ageratum*, and *Oxylobus*, 438.
 Robinson, B. L., Weatherby, C. A., and Hubbard, F. T., Contributions from the Gray Herbarium of Harvard University. New Series.—No. XLII. I-V.
 Rods, Cylindrical, The Demagnetizing Factors of, in High, Uniform Fields, 657.
 Rome, A Winter in, 648.
 Rosanoff, M. A., elected Fellow, 670.
 Rowe, A. W. See Richards, T. W., and Rowe, A. W.
 Royal Society of Edinburgh, Tercenary of, 656.
 Rumford Committee, Report of, 665.
 Rumford Fund, 660; Appropriations from the Income of, 656; Papers published by aid of, 1, 171, 625.
 Rumford Premium, 713; Award of, 668.
 Samaji, The Relation of, to the Normal Waking Consciousness, 655.
 Schumann, Victor, A Note on the Life of, 655.
 Sedgwick, Ellery, elected Fellow, 670.
Setaria italica and its immediate Allies, A Taxonomic Study of, 648.
 Shattuck, F. C., elected Fellow, 670.
 Sheldon, H. N., accepts Fellowship, 647.

- Signalling, Long Distance Submarine, by Dynamo-Electric Machinery, 655.
 Smith, Alexander, elected Fellow, 653; accepts Fellowship, 654.
 Smith, C. F., elected Fellow, 670.
 Sodium Hydroxide, An Improved Method for Determining the Specific Heats of Liquids, with Data concerning, 171.
 Specific Heats of Liquids, An Improved Method for Determining, 171.
 Spermatophytes, Diagnoses and Transfers among the, 502.
 Spofford, C. M., elected Fellow, 653; accepts Fellowship, 654.
 Standing Committees elected, 668; List of, 681.
 Standing Vote adopted, 654.
 Standing Votes, 713.
 Statutes, 699.
 Stieglitz, J. O., elected Fellow, 653; accepts Fellowship, 654.
 Storer, H. R. presents bas-relief, 651.
 Storey, Moorfield, accepts Fellowship, 647.
 Strong, R. P., elected Fellow, 653; accepts Fellowship, 658.
 Submarine Signal Co., 655.
 Submarine Signalling, Long Distance, by Dynamo-Electric Machinery, 655.
 Swine, On the Size of Litters and the Number of Nipples in, 397.
 Taft, W. H., elected Fellow, 653; accepts Fellowship, 654.
 Talbot, H. P., Report of C. M. Warren Committee, 666; Report of House Committee, 667.
 Taxonomic Study, A, of *Setaria italica* and its immediate Allies, 648.
 Telephones in England, Government Ownership of, 654.
 Telephony, Wireless, 651.
 Thaxter, Roland, Laboulbeniales Parasitic on Chrysomelidae, 671.
 Thermodynamic Properties of Twelve Liquids between 20° and 80° and up to 12000 kgm. per Sq. Cm., 1.
 Treasurer, Report of, 659.
 Trowbridge, John, Absence of Finality in Physical Science, 648.
 Tyler, H. W., Report of Library Committee, 662.
 Tyzzer, E. E., elected Fellow, 653; accepts Fellowship, 654.
 Ultra Violet, Extreme, Some Account of recent progress in the, 655.
 University of Missouri, seventy-fifth anniversary of, 659.
 Verhoeff, F. H., elected Fellow, 670; The Pathological Action of Radiant Energy on the Eye, 671.
 Violet, The Extreme Ultra, Some Account of recent progress in, 655.
 Vision, Color, Types of Abnormal, 655.
 Wadsworth, O. F., Biographical notice of, 651, 673.
 Wait, W. C., elected Fellow, 670.
 Wambaugh, Eugene, elected Fellow, 670.
 Ward, R. DeC., The Weather Element in the Climate of New England, 671.
 Warren, C. H., Petrology of the Alkali-Granites and Porphyries of Quincy and the Blue Hills, Mass., U. S. A., 201.
 Warren (C. M.) Committee, Report of, 666.
 Warren (C. M.) Fund, 661; Appropriation from the Income of, 654.
 Way of Salvation, The, Buddhaghosa's Treatise on Buddhism, 147.
 Weather Element in the Climate of New England, 671.
 Weatherby, C. A., Some new Combinations required by the International Rules, 492.
 Whipple, G. C., elected Fellow, 670.
 Whitlock, H. P., elected Fellow, 653; accepts Fellowship, 654.
 Wigmore, J. H., elected Fellow, 670.
 Williams, C. H., elected Fellow, 653; accepts Fellowship, 654.
 Williams, F. H., Demonstration of a New X-ray Tube, devised by W. D. Coolidge, and a consideration of some Measurements relating to Quality as well as Quantity of X-light, 658.
 Willson, R. W., appointed member of Nominating Committee, 657.
 Wilson, E. B., The Motion of a Radiating Oscillator, 657.
 Wilson, G. G., elected Fellow, 653; accepts Fellowship, 654.
 Winship, G. P., elected Fellow, 653; accepts Fellowship, 654.

- Wister, Owen, elected Fellow, 670.
Woodberry, G. E., accepts Fellowship, 647.
Woods, J. H., elected Fellow, 653; accepts Fellowship, 654.
World's Congress of International Associations, letter from, 647.
Wright, Chauncey, papers of, 647.
- X-ray Tube, devised by W. D. Coolidge, Demonstration of a New, 658.
- Zoological Laboratory of the Museum of Comparative Zoology at Harvard College, E. L. Mark, Director, Contributions from, 397, 569.